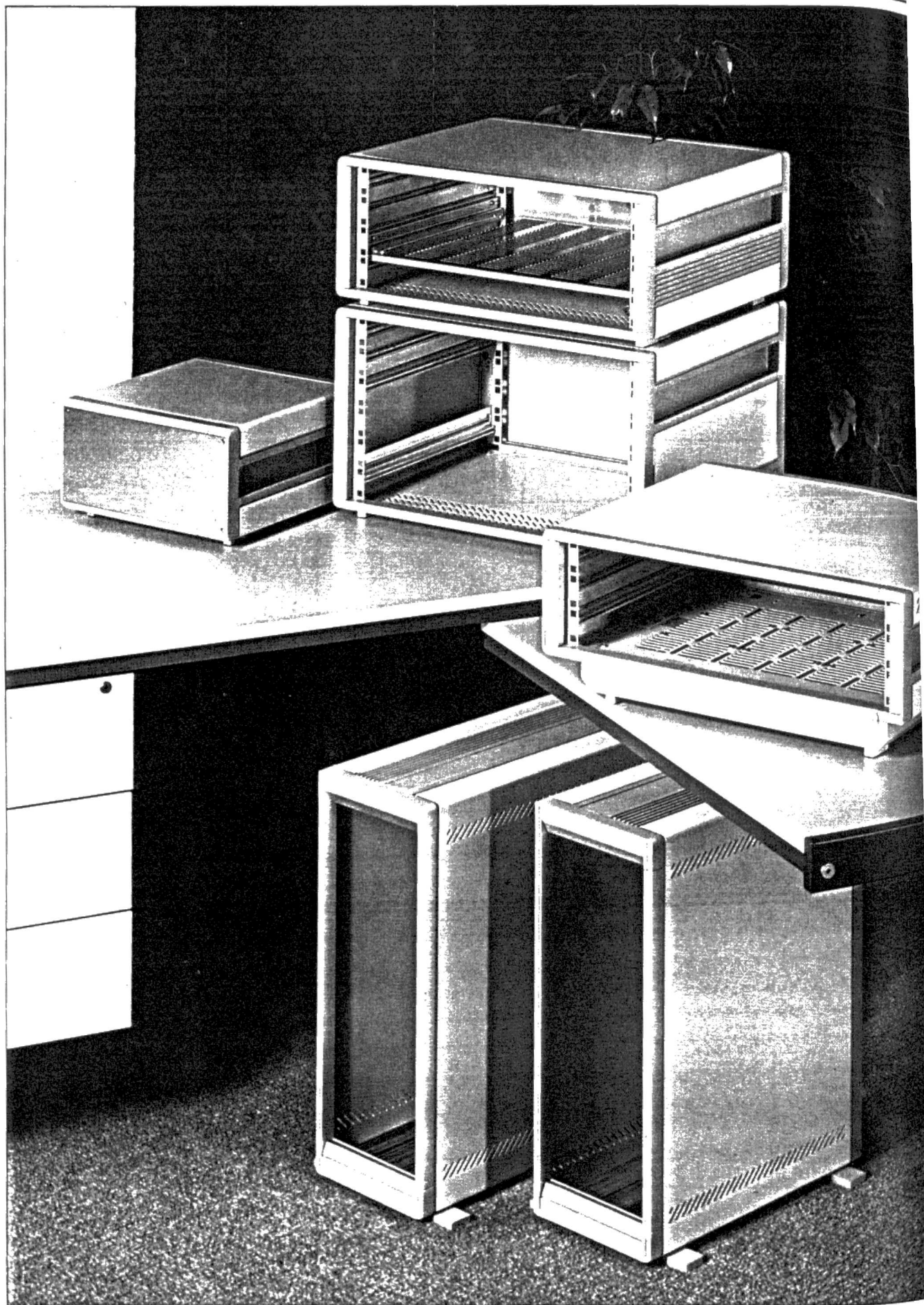


19" Cases 3

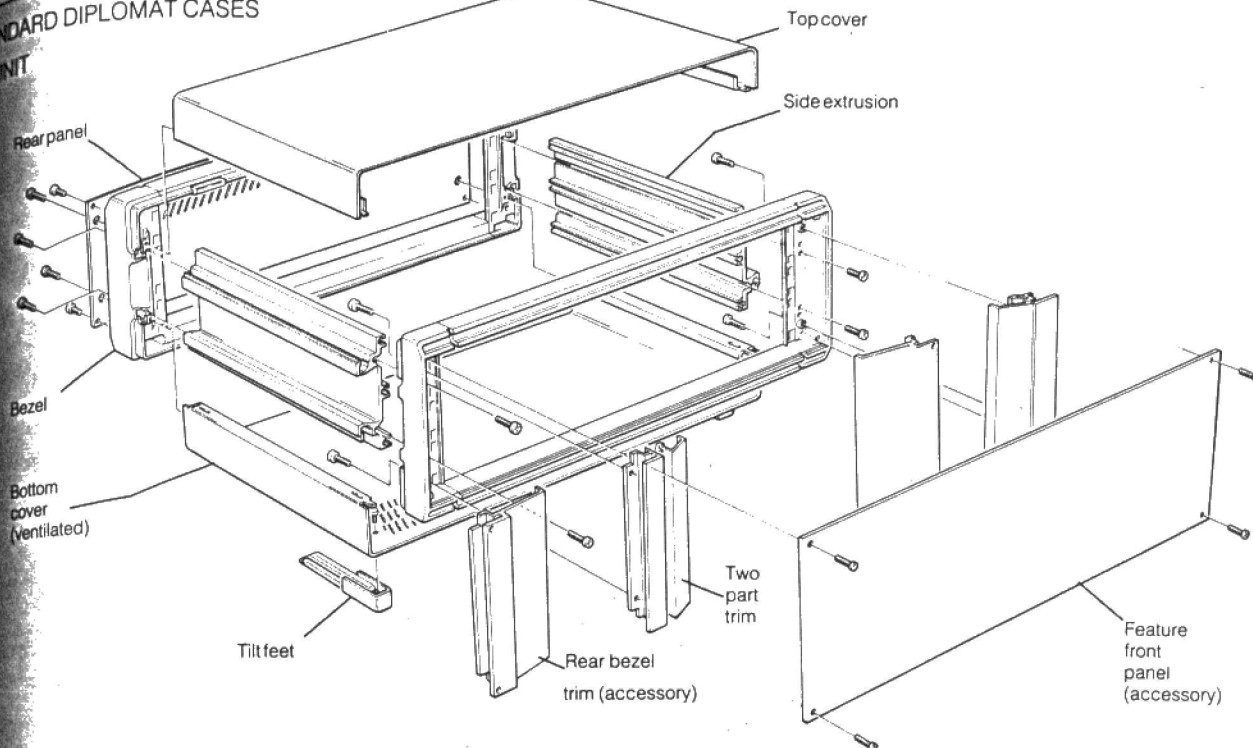


A superb range of robust cases for direct mounting of 19" subracks and chassis to IEC 297-1 and DIN 41494.

- Superb modern styling
- Robust metal construction
- Conforms to IEC 297-1 and DIN 41494
- Quick release top and bottom covers
- Horizontal, vertical tower and fan plinth versions available
- Front trims conceal 19" fixings
- Very large range of standard sizes
- Easy customisation
- Painted in modern colour combinations of light and mid grey

STANDARD DIPLOMAT CASES

UNIT



APPLICATIONS

The Diplomat 19" cases are designed to provide stylish, robust, yet economical solutions for housing electronic systems.

The standard cases are ideal for 19" equipment used in either office or industrial applications.

Vertical tower versions are designed as floor standing units suitable for convenient positioning either under or next to a desk. Cases fitted with ventilation plinths provide efficient cooling for up to 2k watts of waste heat without the loss of valuable internal space.

CONSTRUCTION

Each Diplomat case consists of a front and rear die-cast bezel, aluminium side extrusions and steel cover panels. The construction is extremely strong and simple to assemble.

The top and bottom covers are secured to the basic frame with two fixings which pass through the rear bezel. Location tags secure the covers to the front bezel. The infill covers on 6U and 9U units are fitted in the same way. Bottom covers include ventilation slots.

Horizontal units have a side handle extrusion to enable portability. These extrusions also incorporate T slots which allow internal mounting of chassis and accessories.

Each kit includes a pair of front bezel trims. Each trim consists of two interlocking aluminium extrusions one of which is painted and the other etched and clear anodised. The painted section is used to hide the main case fixing screws in the bezel. The anodised part, when fitted, hides the 19" fixing screws thus providing a good appearance and additional security. If, however, 19" equipment is to be removed frequently the anodised sections can be discarded.

Each Diplomat 19" case includes a ventilated rear panel and front feet which can be tilted.

MATERIAL SPECIFICATIONS

STANDARD AND VERTICAL CASES

Bezels, side extrusions, front trims, vertical feet bars

Top and bottom covers, rear panels, side infill covers and (vertical) handle recess trim

Feet : ABS plastic

Finish : Textured electrostatic epoxy

Colours : Top, bottom and side infill covers, light grey BS 4800 00A01
All other parts, mid grey BS 4800 00A05

VENTILATION PLINTH VERSIONS

As standard cases but including:

Plinth bottom cover, : 1.2mm Zintec coated
vented top cover steel
and plinth tray

Filter : Polyurethane foam

Fans : 220V, 50Hz AC

Colours : Plinth tray, mid grey BS 4800 00A05

SAFETY NOTE:

Each plinth assembly is earthed prior to delivery. For extra safety the rest of the case itself should be earthed to the plinth using the earth continuity kit detailed on page 3.22

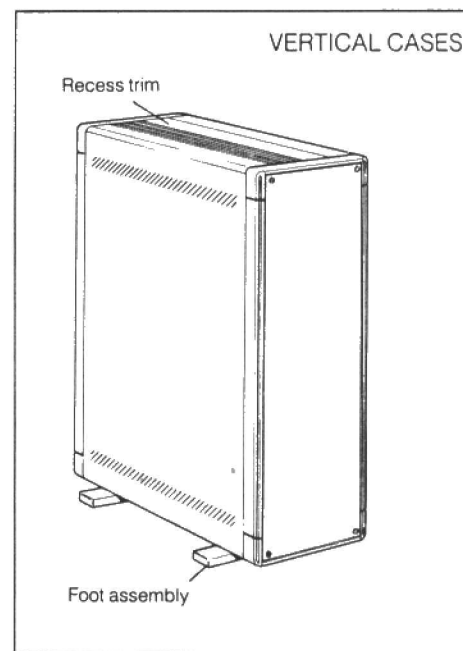
STANDARD CASES

The standard horizontal Diplomat cases are available in four heights, two widths and three depths, giving a range of fifteen individual sizes.

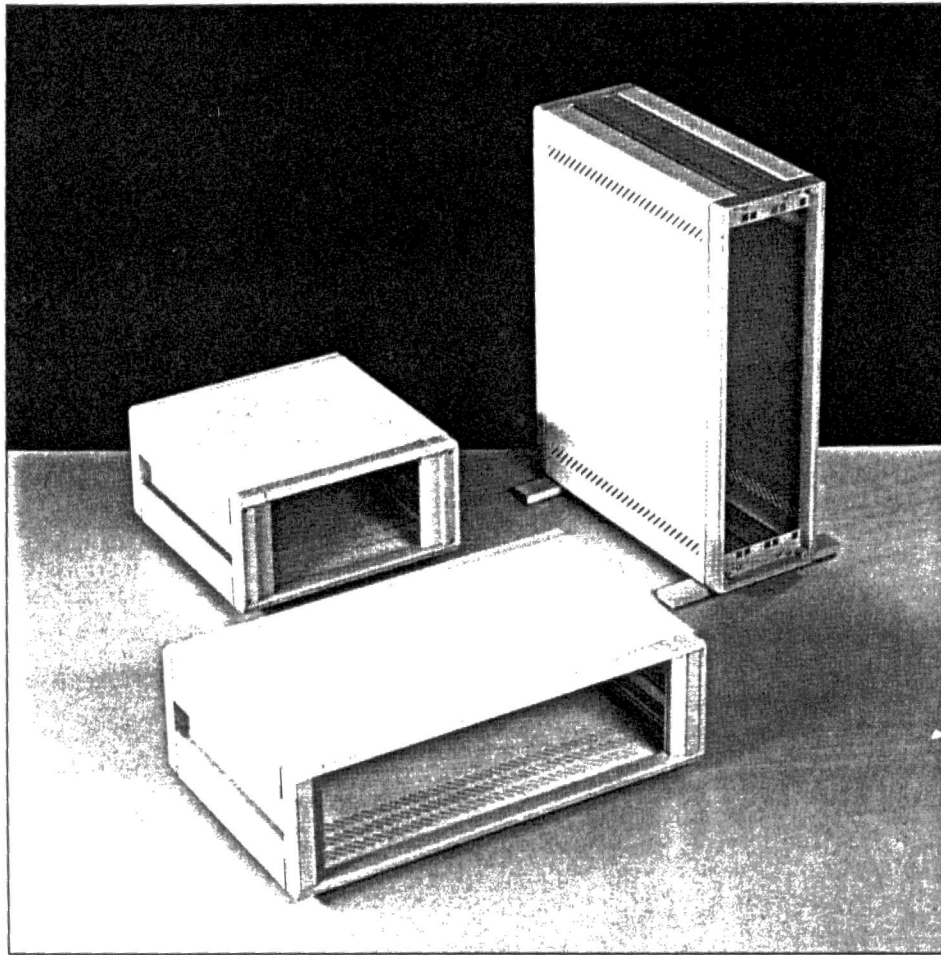
VERTICAL TOWER VERSIONS

The tower versions are suitable for sitting either under, or next to, a desk and therefore reduce the amount of desk space demanded by the system.

VERTICAL CASES



They are identical in basic construction to the standard cases but have some additions. Two feet assemblies are fitted into the handle recess on the side extrusions to form a base. A trim is captured in the recess on the other side to give a clean appearance to the top when the unit is standing vertically. Both side covers include ventilation slots for cooling.



CONTENTS OF KITS

STANDARD CASES

- 1 Top cover
- 1 Bottom cover
- 2 Handle extrusions
- 2 Bezels
- 2 Side extrusions (4,6 and 9U)
- 2 Side infills (6 and 9U)
- 4 Feet
- 2 Front bezel trims
- 1 Rear panel

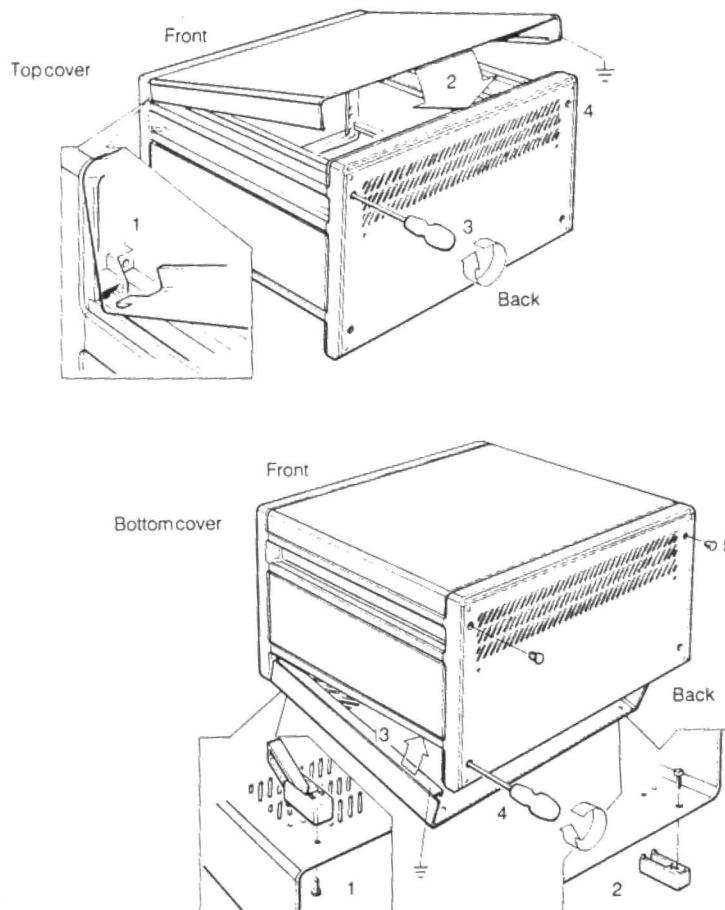
VERTICAL TOWER VERSION:

- 1 Handle recess trim
- 2 Vertical feet assemblies
- 2 Ventilated side covers
- 2 Handle extrusions
- 2 Bezels
- 2 Side extrusions (4U)
- 2 Front bezel trims
- 1 Rear panel

Safety note** : It is recommend Diplomats are fitted with an earth kit featured on page 3,22 to ensure safety.

19" Cases 3

TOP AND BASE ASSEMBLY TECHNIQUE (reverse sequence to remove panels)



MOUNTING DIMENSIONS

